

Title (en)

Circuit for generating PAL chrominance signals

Title (de)

Schaltung zur Erzeugung von PAL-Chrominanzsignalen

Title (fr)

Circuit pour générer des signaux de chrominance PAL

Publication

**EP 0851687 A2 19980701 (EN)**

Application

**EP 97310623 A 19971224**

Priority

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Abstract (en)

A circuit for generating a plurality of chrominance signals has a divider (1) for dividing a reference signal having a frequency which is four times the frequency of a color burst signal to generate a plurality of chrominance signals, whose phases are shifted in 45 DEG steps; a first delay circuit (22) for delaying the phase of the reference signal; a first latch circuit (24) for synthesizing a first output signal transmitted from the divider with the delay signal transmitted from the first delay circuit (22) and transmitting the first output signal as a first color burst signal; and a second latch circuit (25) for synthesizing a second output signal transmitted from the divider with the delay signal transmitted from the first delay circuit (22) and transmitting the second output signal as a second color burst signal. As a result, a reduced number of delay circuits are required in a PAL type circuit for generating chrominance signals for coloring characters which are superimposed on the display signal.

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